

The illustration shows the Hight's Union Combination Square. It consists of a long, thin metal blade with a square head. The head features a circular protractor with markings from 1 to 12. A slot along the edge of the blade contains a marking gauge with notches every $\frac{1}{8}$ inch. A clamping bolt secures the gauge. A bevel gauge is attached to the side of the blade. The blade itself is marked with a scale from 2 to 7 inches.

PATENT ALLOWED

Hight's Union Combination Square

**Five Tools in one : 8-Inch Try Square, Bevel,
Butt Gauge, Marking Gauge and Mitre**

The notches in the edge of the slot in the blade, $\frac{1}{8}$ inch apart, make it a gauge. To use the bevel protractor, loosen the clamping bolt, draw the protractor out to the angle required, and clamp in place. Set the protractor by the scale marked on the circular segment. This scale is marked to indicate the angle expressed in inches rise for twelve inches base, when set on the figure 6, in the first series. The angle is one which will give rise of six inches in twelve, or the angle for the bottom of rafter for $\frac{1}{4}$ pitch. Set on the 6 in the second series and you have the angle for the top of the after for the same pitch. So with all the figures in the two first series. The first series is from 1 to 12, the second from 12 to 1. The third series is for convenience, when it is inconvenient to turn the tool over to get reverse angle. The circular segment is laid off in degrees on the lower side, which will readily show you the figures on a square with 12 required to cut any desired number of degrees. The notch in end of protractor will enable it to be used for a gauge to get in corners, gauging for setting hinges and beveling edges, etc. All nickel plated. The scale alone, to any workman, is worth the price of the square.

The best tool of its kind on the market. A quick seller.

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